



CENTRAL LEATHER RESEARCH INSTITUTE

FOOTWEAR TESTING LABORATORY
SHOE DESIGN AND DEVELOPMENT CENTRE
ADYAR, CHENNAI - 600 020, INDIA.

ESCPL, Sipcot, Ranipet.

Received Date: 17/8/07

TEST REPORT

TEST/0797/07-08

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DT: 16.08.2007

M/s. EURO SHOE COMPONENTS PVT LIMITED
478/30-A, CORAMANDEL ROAD
SIPCOT, RANIPET 632 403
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Dear Sir,

With reference to your letter dated 09th August 2007, we give below the test report for one sample of TPR sole submitted for physical testing.


Sample ID TPR sole, INFANT Sole, marked as "PL LT. GUM / SHADOW WHITE", Size : 21

Conditioning Test Conducted at 20°C and 65% Rh

S. NO	PROPERTY	RESULT	CLRI RECOMMENDATIONS		TEST METHOD
			Soft	Hard	
1.	Density, g/cc	0.92	0.9 - 1	0.98 - 1.06	SATRA TM 134: 1998
2.	Hardness, IRHD	56 - 62	50 - 70	71 - 95	SATRA TM 206: 1999
3.	Abrasion resistance, mm ³ Volume loss	109	Max. 350	Max. 400	SATRA TM 174: 1994
4.	Tensile strength, N/mm ² Extension at break, %	3.1 300	Min. 4.0 Min. 300	Min. 6.0 Min. 250	SATRA TM 137: 1995
5.	Tear strength N/mm	11.1	Min. 8	Min. 8	SATRA TM 218: 1999
6.	Flexing resistance at 20°C Cut growth rate, mm / kc After 30,000 flexes After 50,000 flexes After 75,000 flexes After 100,000 flexes After 120,000 flexes After 150,000 flexes	 0 0 0 0 0 0.0067	Max. 0.1	Max. 0.1	SATRA TM 60 : 1992

All the tested properties except tensile strength of this TPR sole sample are found to be good.

Yours faithfully,


Technical Manager
CLRI Quality Assurance Scheme

- Note :
1. This test report is not meant for Publicity / Advt.
 2. This test report is not meant to be produced before Customs / Govt. Officials.
 3. This institute shall be indemnified against any dispute arising out of issue of this test report.
 4. Test conducted on the submitted sample and this institute is not responsible for sampling.